

ABSTRACT

Automatic scale for bulk products with a feeder mechanism composed of two sets of turning transverse eccentric rollers, with both sets having parallel eccentrics, which are smooth in one set and notched in the other set. The transfer mechanisms have pairs of discs with parallel transverse shafts, with the outside ones having a pin meshed in a fixed toothed wheel, while the central shafts are mounted ungeared. The linear transport mechanisms have rods for supporting the containers with pairs of sliding mechanisms, which are separated by elastic mechanisms and have control mechanisms for varying their distance apart. The weigh station has pairs of parallel, longitudinal endless belts.